ABSTRACT

METHOD AND SYSTEM FOR ENCRYPTING TRANSMISSION OF COMMUNICATION DATA STREAMS VIA A PACKET-ORIENTED COMMUNICATION NETWORK

A collective packet generator forms collective Internet Protocol (IP) data packets, each of which contains several IP data packets of different communication data streams, for encrypted transmission of each of the communication data streams as a sequence of IP data packets. A particular collective IP data packet is encrypted by an encryption module for encrypting IP data packets. The encrypted collective IP data packets are then transmitted via a communication network